

Message

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**From:** Cora, Lori [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=C8850941BF1540C796559DCE75C2F5EE-CORA, LORI]  
**Sent:** 4/20/2016 2:56:10 PM  
**To:** Cox, Michael [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=cddd6a5bb3c2477183799ef56cdb464f-Cox, Michael]; Fullagar, Jill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7ba061353c314b40a14a8be1ee382ae3-Gable, Jill]; Cope, Ben [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=497efadd936e4d378225116b8f50fd3f-Cope, Ben]; Brown, Cheryl A. [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=dd6f8a562924439aaf97ca98ddaf1e10-Brown, Cheryl]; Littleton, Christine [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=2d5631654c3840f48f71c2457d8fb2ac-Reichgott, Teena]; Labiosa, Rochelle [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ded3654216c9461d95cd5a3ceec507ef-Labiosa, Rochelle]  
**Subject:** RE: Data request for OW/NOAA - Comments welcomed  
**Attachments:** CoraOA questions for UW NOAA April 19th 2016\_rl.docx

Here are my comments.

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Lori Houck Cora | Assistant Regional Counsel  
U.S. Environmental Protection Agency | Region 10  
P: (206) 553.1115 | F: (206) 553.1762 | [cora.lori@epa.gov](mailto:cora.lori@epa.gov)

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**From:** Cox, Michael  
**Sent:** Wednesday, April 20, 2016 6:39 AM  
**To:** Fullagar, Jill ; Cope, Ben ; Cora, Lori ; Brown, Cheryl A. ; Littleton, Christine ; Labiosa, Rochelle  
**Cc:** Cox, Michael  
**Subject:** FW: Data request for OW/NOAA - Comments welcomed

Any other comments? You can just add on to Rochelle's or do separately.

Thanks

Michael Cox  
Office of Environmental Assessment  
US EPA Region 10, 1200 Sixth Avenue, Suite 900  
Seattle, WA 98101  
206-553-1597  
[cox.michael@epa.gov](mailto:cox.michael@epa.gov)

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**From:** Cox, Michael  
**Sent:** Tuesday, April 19, 2016 11:50 AM  
**To:** Cope, Ben <[Cope.Ben@epa.gov](mailto:Cope.Ben@epa.gov)>; Fullagar, Jill <[Fullagar.Jill@epa.gov](mailto:Fullagar.Jill@epa.gov)>; Labiosa, Rochelle <[labiosa.rochelle@epa.gov](mailto:labiosa.rochelle@epa.gov)>; Cora, Lori <[Cora.Lori@epa.gov](mailto:Cora.Lori@epa.gov)>; Brown, Cheryl A. <[Brown.Cheryl@epa.gov](mailto:Brown.Cheryl@epa.gov)>; Littleton, Christine <[Littleton.Christine@epa.gov](mailto:Littleton.Christine@epa.gov)>

Cc: Cox, Michael <[Cox.Michael@epa.gov](mailto:Cox.Michael@epa.gov)>

Subject: OA: Data request for OW/NOAA - Comments welcomed

Ben and I cobbled together our request for information from UW/NOAA. Please give a review and provide comments. Great if we could get this out by the end of the week.

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I wanted to thank you on behalf of all the EPA staff for meeting with us last week. Based on that meeting we have identified data that would be very helpful in our work related to the 303(d) listing programs in Oregon and Washington. As you know, the most helpful information is data within state waters (three statutory miles of the Washington and Oregon coasts). This would include both water quality data and biological data that indicate impairment to aquatic life.

We understand you are very busy and have tried to target our request to the information most critical to our work. We would be happy to have a follow-up call to focus our request and determine the easiest method to transmit the requested information.

#### **2011 Cruise**

- . We would like additional pteropod data, if any, from the 2011 cruise that are within Oregon and Washington State waters that were not included in the 2014 Bednarsek et. al paper.
- . We would like any other biological data (e.g., Dungeness crab) that may serve as indicators of impairment within Oregon and Washington waters.

#### **2013 Cruise**

- . We would like any pteropod data from the 2013 cruise that are within Oregon and Washington State waters.
- . We would like any other biological data (e.g., Dungeness crab) that may serve as indicators of impairment within Oregon and Washington waters.
- . We would like any data related to the aragonite saturation state within Oregon and Washington State waters.

#### **2016 Cruise**

- . We would like a map of the sample sites for the 2016 cruise and, if possible, a delineation of which sites will be within 3 statutory miles from the Oregon and Washington coast line.
- . We would like a list of the chemical and biological parameters you will be sampling/analyzing in the cruise.

### **Feeley et al. paper in preparation**

- . At the meeting Dick presented results from a paper in preparation that showed the anthropogenic and biogenic contributions to ocean acidification at different depths in onshore and offshore waters. In order to better understand the latest analysis, we wanted to ask if it was possible to obtain the manuscript to understand the latest methods and data. We would not share the manuscript until after the publication of the paper.

### **Unpublished data**

- . We are very interested in any other unpublished biological data for Oregon and Washington State waters you are aware of. We can use unpublished data as supporting evidence when making our determinations.

Thanks again for all your help and we look forward to continuing to work together on this critical issue.